



IFW

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Norbert STEINER, et al.

SERIAL NO: 10/518,595

GAU: 1724

FILED: December 21, 2004

EXAMINER:

FOR: ECOFRIENDLY CATIONIC POLYELECTROLYTES

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

## REFERENCES

The applicant(s) wish to make of record the references cited in the attached German Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

## RELATED CASES

Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

## CERTIFICATION

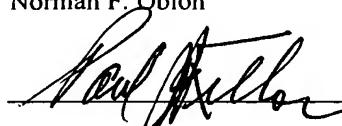
Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

## DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.  
Norman F. Oblon

Paul J. Killos  
Registration No. 58,014

Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

N



Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 260501US0PCT	SHEET 1 OF 1 SERIAL NO. 10/518,595		
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Norbert STEINER, et al.			
				FILING DATE December 21, 2004	GROUP 1724		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2,831,841	04/22/1958	Giffin D. JONES, et al.			
	AB						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
YES	NO						
AC	DE 197 52 128 A1	07/29/1999	Germany				X
AD	DE 197 52 127 A1	07/29/1999	Germany				X
AE	DE 197 48 153 A1	05/06/1999	Germany				X
AF	DE 197 04 953 A1	08/13/1998	Germany				X
AG	DE 100 41 393 A1	03/07/2002	Germany				X
AH	DE 100 41 392 A1	03/07/2002	Germany				X
AI	DE 41 38 763 A1	05/27/1993	Germany				X
AJ	DE 40 24 207 A1	02/06/1992	Germany				X
AK	DE 38 00 199 A1	07/20/1989	Germany				X
AL	DE 37 27 229 A1	03/10/1988	Germany				X
AM	DE 30 46 978 A1	09/17/1981	Germany				X
AN	DE 28 23 830 A1	01/11/1979	Germany				X
AO	DE 25 08 346 A1	08/28/1975	Germany				X
AP	WO 02/06097 A1	01/24/2002	WIPO (With English Abstract)				X
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AQ	Ernst BARTHOLOMÉ, et al., "Ullmanns Encyklopädie der technischen Chemie", Verlag Chemie, Pages 15-16						
AR	Heinz HORACEK, "Fette und Öle Fettderivate Folgeprodukte", Fett-, Öl-, Tensid-, Kosmetik- und Pharmaindustrie, July, 1988, Vol. 114, 11/12, Pages 447-455						
AS	H. TAKIGAMI, et al., "Toxicity assays and their evaluation on organic polymer flocculants used for municipal sludge dewatering", Water Science and Technology, 1998, Vol. 38, No. 7, 1 Page						
AT	V. N. SYUCKIN, et al., "New ecologically safe "flocculants" – cationic polyelectrolytes", Khirniya Rastitelougo Syrya, 136:218483, 2000, Vol. (2), 4 Pages						
AU	Kumio FUJIWARA, et al., "Synthetic organic "polymer" "flocculants" and monomer removal from the "flocculants" for water treatment", Jpn. Kokai Tokyo Koho, 133:22112, 1 Page						
AV	M. ALBASIAID, et al., "Ultrastructural and clinopathological studies on the "toxicity" of cationic "acrylamide" based flocculant to rainbow trout", Veterinary Pathology, 106:133214, 1987, Vol. 24 (1), 1 Page						
AW	Yu L. VEITSER, et al., "Polymer" for "flocculation" of wastewater sediments", U.S.S.R., Orkrytiya, Izabret, 105:7067, Vol. (47), 1 Page						
AX	Toru KUBOI, et al., "Toxicity" of cationic "polymer" "flocculants" to higher plants, I. Seedling assay", Soil Science and Plant Nutrition (Tokyo, Japan), 101:224294, 1984, Vol. 30 (3), 1 Page						
AY	D. MOURATO, et al., "Effect of polyelectrolytes used as "flocculants" on microorganisms present in receiving streams", Sciences et Techniques de l'Eau, 100:108802, 1983, Vol. 16 (4), 1 Page						
AZ	Toru KUBOI, et al., "Effect of synthetic "flocculants" on soil environment. I. Effect of polyacrylamide derivatives (synthetic "flocculants") on growth of turnip seedlings and of green alga", Kokuritsu Kogai Kenkyusho Kenkyu Hokoku, 94:151324, 1980, Vol. 14, 1 Page						
AAA	S. NOVAKOVA, et al., "Study of the "toxic" action of new "flocculants" obtained under new pilot-plant conditions", Khigiena j Zdraveopazvane, 86:166013, 1976, Vol. 19 (5), 1 Page						
AAB	G. PAULET, et al., "Toxicity" of some acrylic and methacrylic esters of "acrylanide" and polyacrylamides", Archives des Maladies Professionnelles de Medecine du Travail et de Securite Sociale, 83:91832, 1975, Vol. 36 (1-2), 1 Page						
AAC	D. D. McCOLLISTER, et al., "Toxicologic" investigations of polyacrylamides", Toxicol. Appl. Pharmacol., 63:92536, 1965, Vol. 7 (5), 2 Pages				<input type="checkbox"/> Additional References sheet(s) attached		
Examiner				Date Considered			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							